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SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE
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Item 9 of the provisional agenda

ROSTER OF EXPERTS: NOMINATION FORM

Note by the secretariat

I. INTRODUCTION

A. Mandate and scope of the note

1. By its decision 7/CP.2, paragraph 2 (d), the Conference of the Parties (COP), at its second session, requested the Subsidiary Body for Scientific and Technological Advice (SBSTA) to compile a roster of experts on technology and technology transfer as discussed in FCCC/CP/1996/15/Add.1. At its fourth session, and as subsequently reconfirmed at its seventh session (FCCC/SBSTA/1997/14), the SBSTA agreed to expand the roster to include experts in the field of methodologies.

2. In a letter dated 22 August 1996, the secretariat invited Parties to nominate technology experts for a roster. Parties were requested to nominate up to 10 candidates by completing an application form and by attaching a curriculum vitae for each candidate. In a letter dated 2 April 1998, the secretariat invited Parties to nominate methodological experts for the roster. A copy of the Guidance to Parties that accompanied the letters sent to the Parties by the secretariat is provided in annexes I and II. A generic copy of the application form is provided in annex III.

3. At its seventh session, the SBSTA considered the issue of the use of the roster of experts and the use of the intergovernmental technical advisory panels. It requested the secretariat to review its standardized form for collecting information on nominees to the roster of experts and decided to consider this form and the database generated from its use, at its eighth session.

4. Further to this note, the SBSTA may wish to consider documents FCCC/SBSTA/1997/11 and FCCC/SBSTA/1997/INF.6.

II. POSSIBLE ACTION BY THE SBSTA

5. The SBSTA may wish to take note of the information provided by the secretariat concerning the forms used to nominate experts to the roster and the data base and to provide guidance to the secretariat on these subjects.

Annex I

PART A: GUIDANCE TO PARTIES

Nomination of Experts to Support Technology and Transfer of Technology Activities

A. Mandate

1. The Conference of the Parties, at its second session, requested the secretariat to prepare reports on adaptation technology and the terms of transfer of technology and know-how conducive to mitigating, and adapting to, climate change. In preparing these reports, it asked the secretariat to draw on nominees from Parties with expertise in these fields. In addition, it requested the Subsidiary Body for Implementation (SBI) to draw on this roster to evaluate and report on the transfer of technologies being undertaken between Annex II Parties and other Parties. It was recommended that, taking into account the ongoing discussion on Intergovernmental Technical Advisory Panel(s) (FCCC/SBSTA/1996/2 and FCCC/SBSTA/1996/8), such a roster and its use in facilitating the work of the secretariat should be evaluated by the SBSTA and the SBI.

B. Scope of the note

2. This document provides information to Parties on the nomination of experts, taking into consideration the discussion during the sessions of the SBSTA and the SBI, as well as on submissions contained in document FCCC/SBSTA/1996/MISC.4 which have been synthesized in the form of a list of issues in the annex to document FCCC/SBSTA/1996/10.

C. Inclusion in list of experts

Nomination procedure

3. The secretariat requests Parties to the Convention to nominate up to 10 candidates for the roster of experts and to identify the specific reports to which they could contribute. In order to ensure transparency and comparability, the secretariat asks that each nomination be accompanied by a curriculum vitae of the nominee and the completed application form (annex III).

Criteria for inclusion

4. Experts will serve in their personal capacities and be drawn from the public or private sector, including NGOs. They need to be knowledgeable about specific regions or countries and about related climate change activities in their organizations and must possess scientific and technical expertise related to technology or the transfer of technology. Nominees should have relevant academic or professional qualifications, with at least 5 years' experience, and have published papers in the pertinent subject area. Previous participation in scientific and technical

committees in the field of global environmental change is also desirable. A detailed list of desired fields of expertise is provided in part B to this document.

5. The secretariat will maintain and publish a list of all nominees.

D. Operation

6. Experts will be called upon to assist the secretariat once detailed plans for each report are developed. The initial assignments could include one or more of the following: providing advice on the scope of the three reports, contributing written material for a report and peer reviewing of the reports. These assignments could involve participation in meetings and travelling.

7. Funding for participation will be offered to expert participants from eligible Parties in accordance with normal practice and subject to availability of resources.

PART B: EXAMPLES OF DESIRED EXPERTISE

I. FIELD OF EXPERTISE

A. Technologies and practices to adapt to climate change

(i) General expertise

A10 Geography and planning
A11 land-use planning
A12 rural planning
A13 urban planning
A14 geographic information systems
A15 remote sensing
A16 vegetation cartography

A20 Natural resources management
A21 conservation management
A22 water resource management
A23 watershed management
A24 water conservation
A25 water supply systems

A30 Environmental economics
A31 energy economics
A32 resource economics
A33 conservation economics
A34 development economics
A35 finance and investment

(ii) Specific area of expertise

A40 Coastal zone management
A41 coastal engineering
A42 coastal resource management
A43 wetlands management
A44 sea level rise

A50 River base management
A51 river engineering
A52 river resource management/planning

A60 Forestry
A61 forest management
A62 agroforestry
A63 afforestation
A64 reforestation
A65 energy plantations

A70 Agriculture and fisheries

A80 Land degradation
A81 soil erosion
A82 salinization
A83 desertification
A84 irrigation

A90 Health science
A91 public health
A92 epidemiology
A93 infectious diseases and tropical medicine

A100 Human infrastructure
A101 industry
A102 transportation
A103 cities and human settlements
A104 financial services and insurance
A105 sewage treatment systems
A106 waste management

B. Terms of transfer of technology and know-how

(i) General expertise

(a)	Disciplines	(b)	Economic and impact sectors
B10	micro-economics	B20	energy
B11	macro-economics	B21	forestry
B12	finance and investment	B22	agriculture
B13	environmental economics	B23	transport
B14	development economics	B24	industry
B15	international trade	B25	waste management
B16	private-sector marketing	B26	coastal zones
		B27	water resources
		B28	health

(ii) Specific area of expertise

(c)	Institutions	(d)	Instruments
B30	multilateral lending institutions	B40	loans
B31	bilateral aid programmes	B41	bonds
B32	private-sector banks	B42	equity
B33	development assistance programmes	B43	private capital

C. Transfer of technologies between Annex II Parties and other Parties (focus on mitigation)

(i) General expertise

C10 Planning and management
C11 analysis
C12 planning
C13 management
C14 facility operations
C15 financial operations
C16 monitoring/evaluation

(ii) Specific area of expertise

C20 Fossil fuels
C21 solid fuels, e.g. coal, peat
C22 oil
C23 natural gas

C30 Renewable energy technologies
C31 biomass-fired power generation
C32 geothermal electric
C33 biogas
C34 small-scale hydro
C35 tidal energy
C36 ocean wave energy
C37 solar energy
C38 wind energy

C40 Energy transfer technologies
C41 electrical transformers
C42 electric transmission and distribution systems
C43 thermal energy storage

C50 Building technologies and appliances
C51 heating and ventilation systems
C52 home appliances
C53 construction techniques
C54 solar building technology

C60 Transportation technologies
C61 electric vehicles
C62 hybrid vehicles
C63 fuel-cell vehicles
C64 low emission fuels
C65 efficient aircraft and marine systems
C66 efficient mass transportation systems
C67 transportation control systems

C70 Nuclear technologies

C80 Industrial technologies and processes

C90 Agriculture and forestry
C91 reforestation, afforestation
C92 conservation
C93 forest management
C94 livestock management
C95 farm management practices
C96 agroforestry

C100 Waste treatment
C101 methane recovery from landfills
C102 wastewater treatment
C103 reuse and recycling
C104 waste minimization
C105 clean production technologies
C106 waste prevention

II. REGIONAL AND COUNTRY EXPERTISE

001 Small island countries

002 Countries with low-lying coastal areas

003 Countries with arid and semi-arid areas, forested areas and areas liable to forest decay

004 Countries with areas prone to natural disasters

005 Countries with areas liable to drought and desertification

006 Countries with areas of high urban atmospheric pollution

007 Countries with areas with fragile ecosystems, including mountain ecosystems

008 Countries whose economies are dependent on income generated from the production, processing and export, and/or on consumption of, fossil fuels and associated energy-intensive products

009 Land-locked and transit countries

010 Least developed countries

Annex II

PART A: GUIDANCE TO PARTIES

Nomination of methodological experts

A. Mandate

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA), at its fourth session, noted that many methodological topics are complex issues that could benefit from the advice of experts. As in the case of technology and technology transfer, the SBSTA requested the secretariat to draw on nominees from Parties with expertise in these fields. At its seventh session, the SBSTA invited Annex I Parties to make available to the secretariat, for purposes of comparison and transparency, their complete 1996 GHG inventories obtained using, when possible, best available methodologies and those obtained using the current IPCC default methodologies. The SBSTA also requested the secretariat to draw upon the roster of experts to analyse and compare the results, assess the adequacy of information and the implications for meeting emission limitation or reduction objectives, and make the results available for its ninth session.

2. This document provides information to Parties on the nomination of experts, taking into consideration the discussion during the sessions of the SBSTA and the Subsidiary Body for Implementation (SBI), as well as submissions contained in document FCCC/SBSTA/1996/MISC.4 which have been synthesized in the form of a list of issues in the annex to document FCCC/SBSTA/1996/10. The fields of expertise provided in part B of this document were considered bearing in mind the programme of work on methodologies approved by the SBSTA (FCCC/SBSTA/1997/14) at its sixth session, and the programme of work of the secretariat for the biennium 1998-1999 (FCCC/CP/1997/INF.1).

B. Inclusion in list of experts

Nomination procedure

3. The secretariat requests Parties to the Convention to nominate up to 10 candidates for the roster of experts and to identify the specific field of expertise to which they could contribute. In order to ensure transparency and comparability, the secretariat asks that each nomination be accompanied by a curriculum vitae of the nominee and the completed application form (annex III).

Criteria for inclusion

4. Experts will serve in their personal capacities and be drawn from the public or private sector, including NGOs. They need to be knowledgeable about specific regions or countries, about related climate change activities in their organizations and must possess scientific and

technical expertise relevant to methods for GHG inventories, for projections of GHG emissions from sources and sequestration by sinks, for evaluating and monitoring the effectiveness and effects of specific policies and measures, and methods for assessing climate change impacts, adaptation strategies and technologies. Nominees should have relevant academic or professional qualifications, with at least 5 years' experience, and have published papers in the pertinent subject area. Previous participation in scientific and technical committees in the field of global environmental change is also desirable. A detailed list of desired expertise is provided in annex II to this document.

5. The secretariat will maintain and publish a list of all nominees, making it available in hard copy and on the secretariat's website at http://www.unfccc.de.

C. Operation

6. Experts will be called upon to assist the secretariat as detailed plans for reports pertinent to the programme of work on methodologies are developed. The initial assignments could include one or more of the following: providing advice on the scope of the reports to be prepared, contributing written material for a report, reviewing reports or carrying out specific assessments requested by the SBSTA. These assignments could involve participation in meetings and travelling.

7. Funding for participation (travel and daily subsistence allowance) will be offered to expert participants from eligible Parties in accordance with normal practice and subject to availability of resources.

PART B: EXAMPLES OF DESIRED EXPERTISE

I. FIELD OF EXPERTISE

D. Methods for greenhouse gas emission inventories

(i) General expertise

D10 Greenhouse gas emission inventories methodologies
D11 IPCC Guidelines for national greenhouse gas inventories
D12 national methodologies and their conversion to the IPCC reporting framework
D13 procedures for quantifying uncertainties
D14 analysis and application of national greenhouse gas inventories
D15 development and application of sectoral methodologies for estimating GHG emissions
D16 determination of sectoral emission factors
D17 collection and determination of activity data

(ii) Specific area of expertise

D20 Greenhouse gases
D21 dioxide of carbon (CO_2)
D22 methane (CH_4)
D23 nitrous dioxide (N_2O)
D24 halocarbons (HFCs, PFCs) and sulphur hexafluoride (SF_6)

D30 Fuel combustion activities
D31 energy and transformation industries
D32 industry
D33 transport
D34 international bunkers (aviation and navigation)
D35 small combustion

D40 Fugitive emissions from fuels
D41 coal mining
D42 oil and natural gas

D50 Industry
D51 iron and steel
D52 non-ferrous metals
D53 inorganic chemicals
D54 organic chemicals
D55 non-metallic mineral products
D56 production of halocarbons (HFCs, PFCs) and sulphur hexafluoride (SF_6)
D57 consumption of halocarbons (HFCs, PFCs) and sulphur hexafluoride (SF_6)

D60 Agriculture
D61 domestic livestock
D62 rice cultivation
D63 agricultural burning
D64 GHG emissions from agricultural soils (excluding CO_2)

D70 Land-use change and forestry
D71 changes in forest and other woody biomass stocks
D72 forest and grassland conversion
D73 abandonment of managed land
D74 changes in soil carbon

D80 Waste
D81 solid waste disposal
D82 waste incineration
D83 waste water

D90 Solvent and other product use

E. Methods for developing projections of GHG emissions from sources and sequestration by sinks and estimating effects of measures

(i) General expertise

E10 Models and other approaches
E11 cross sectoral methods
E12 economic
E13 decision analytic
E14 sectoral methods
E15 forecasting (econometric and end-use)
E16 costing
E17 benefits
E18 integrated planning approaches
E19 integrated assessment models
E20 programme/project evaluation methods
E21 non-modelling approaches

E30 Policies and measures
E31 economic instruments
E32 market based instruments
E33 planning
E34 regulatory instruments
E35 research and development/information
E36 voluntary measures

(ii) Specific area of expertise

E40 Energy-related emissions
E41 energy supply sector
E42 industrial sector
E43 residential, commercial and institutional building sector
E44 transport sector

E50 Non-energy related sectors
E51 industrial sector
E52 agriculture
E53 land-use change and forestry
E54 waste
E55 production and consumption of halocarbons (HFCs, PFCs) and sulphur hexafluoride (SF_6)

F. Methods for assessing adaptation strategies and technologies

(i)	General expertise	(ii)	Specific area of expertise
(a)	Disciplines	(b)	Impact sectors
F10	agricultural sciences	F20	agriculture and rangelands
F11	economics	F21	coastal zones and small state islands
F12	engineering	F22	deserts, desertification and land degradation
F13	environmental discipline	F23	financial services
F14	hydrology and climatology	F24	fisheries
F15	medical sciences	F25	forests and wood production
F16	natural sciences	F26	freshwater ecology and non-tidal wetlands
F17	socio-political disciplines	F27	human population health
		F28	human settlements
		F29	oceans
		F30	other natural ecosystems

II. REGIONAL AND COUNTRY EXPERTISE

001 Small island countries

002 Countries with low-lying coastal areas

003 Countries with arid and semi-arid areas, forested areas and areas liable to forest decay

004 Countries with areas prone to natural disasters

005 Countries with areas liable to drought and desertification

006 Countries with areas of high urban atmospheric pollution

007 Countries with areas with fragile ecosystems, including mountain ecosystems

008 Countries whose economies are dependent on income generated from the production, processing and export, and/or on consumption of, fossil fuels and associated energy-intensive products

009 Land-locked and transit countries

010 Least developed countries

011 Industrialized countries with economies in transition

Annex III

Application Form for the Roster of Experts
- to be accompanied by a curriculum vitae -

To be completed by the expert:

Family name:	First name(s):	
Nationality:	Date of birth:	Sex:
Nominated by the Government of:		
Place of current employment:		
Position held:		
Contact address:		
Tel: Fax:		E-mail:

For the following questions, please use codes specified in annex II of this document. Please enter areas of expertise not specified in the annex under "other":

General area of expertise:		
1	2	other:
Specific area of expertise:		
1	2	other:
Regional and country expertise:		
1	2	other:

University qualifications (degree, subject, university, year):

List of relevant publications:

1

2

3

Summary of project experience (participant and advisory)

1 _____

_____

2 _____

_____

3 _____

_____

Languages in which you are fluent (spoken / written)

1. _____ 4 _____

2. _____ 5 _____

3. _____ 6 _____

Principal awards and honorary positions

1 _____

2 _____

3 _____

Any other relevant information

_____

_____

_____

_____

I hereby confirm that the information given above is correct. I agree to being included in the roster of experts if so decided. I attach my curriculum vitae to this form.

Signature _____ Date _____

_____

To be completed by government representative

Report for which the applicant is nominated A___ B___ C___

D___ E___ F___

Title of the representative _____

Signature _____ Date _____

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